

IN THE CLAIMS:

Please amend the claims, as follows:

Claim 1. (currently amended): A ceramic passive component which comprises a carrier substrate (1),

at least one first electrode (2) formed of a material selected from the group consisting of metals and alloys and having a first surface disposed, directly on the substrate,

at least one thin film dielectric (5) of a thickness in the range of about 0.25-0.75 μm having a first surface disposed, on a second surface of the at least one first electrode opposing said first surface of the at least one first electrode, and

at least one second electrode (6) disposed on a second surface of the at least one dielectric opposing said first surface of the at least one dielectric,

wherein the at least one thin film dielectric (5) comprises a ferroelectric ceramic material with a voltage-dependent relative dielectric constant ϵ_r , and

wherein the ferroelectric ceramic material with a voltage-dependent dielectric constant ϵ_r is a material selected from the group consisting of:

$\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ ($1 > x > 0.15$ and $0.15 > x > 0$) ($1 > x > 0.76$ and $0.10 > x > 0$), $\text{Pb}_{1-1.5y}\text{La}_y(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$ ($0 \leq x \leq 1$, $0 \leq y \leq 0.2$) ($x = 1$ or $x = 0$, $0 \leq y \leq 0.2$), $\text{Pb}(\text{Zr}_x\text{Ti}_{1-x})\text{O}_3$ ($0 \leq x \leq 1$) doped with Nb, $\text{Pb}_{1-\alpha y}\text{La}_y\text{TiO}_3$ ($0 \leq y \leq 0.3$, $1.3 \leq \alpha \leq 1.5$), (Pb, Ca) TiO_3 , BaTiO_3 with and without dopants, $\text{SrZr}_x\text{Ti}_{1-x}\text{O}_3$ ($0 < x \leq 1$) with and without Mn dopants, $\text{BaZr}_x\text{Ti}_{1-x}\text{O}_3$ ($0 \leq x \leq 1$) ($0 \leq x \leq 1$), SrTiO_3 doped with, for example, La, Nb, Fe or Mn, $(\text{Pb}(\text{Mg}_{1/3}\text{Nb}_{2/3})\text{O}_3)_x(\text{PbTiO}_3)_{1-x}$ ($0 \leq x \leq 1$) ($0 \leq x \leq 1$), $(\text{Pb}, \text{Ba}, \text{Sr})(\text{Mg}_{1/3}\text{Nb}_{2/3})_x\text{Ti}_y(\text{Zn}_{1/3}\text{Nb}_{2/3})_{1-x-y}\text{O}_3$ ($0 \leq x \leq 1$, $0 \leq y \leq 1$, $x + y \leq 1$), $\text{PbNb}_{4/5x}(\text{Zr}_{0.6}\text{Sn}_{0.4})_{1-y}\text{Ti}_y\text{O}_3$ ($0 \leq x \leq 0.9$, $0 \leq y \leq 1$), $(\text{Ba}_{1-x}\text{Ca}_x)\text{TiO}_3$ ($0 \leq x \leq 1$) ($0 \leq x \leq 1$), $(\text{Ba}_{1-x}\text{Sr}_x)\text{TiO}_3$ ($1 > x > 0.15$ and $0.15 > x > 0$) ($1 > x > 0.76$ and $0.10 > x > 0$), $(\text{Ba}_{1-x}\text{Pb}_x)\text{TiO}_3$ ($0 \leq x \leq 1$) ($0 \leq x \leq 1$), $(\text{Ba}_{1-x}\text{Sr}_x)(\text{Ti}_{1-x}\text{Zr}_x)\text{O}_3$ ($0 \leq x \leq 1$, $0 \leq y \leq 1$) ($0 \leq x \leq 1$, $0 \leq y \leq 1$)

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